

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR-999SERIAL NO.
09/805,085INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FEB 11 2002

APPLICANT
Yukio Nakamura

(Use several sheets if necessary)

(37 CFR 1.98(b))

FILING DATE
March 13, 2001GROUP 3752
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	A.A	1	8	6	8	6	9	0	7/1932	Brigham			
DN	A.B	2	2	3	1	8	0	8	2/1941	Isaac	57	152	
DN	A.C	2	4	2	4	7	4	3	7/1947	Davis	28	82	
DN	A.D	3	4	5	9	6	1	5	8/1969	Eilerman	156	181	
DN	A.E	3	5	4	3	3	3	2	12/1970	Wagner et al.	18	8	
DN	A.F	3	6	1	5	9	9	5	10/1971	Buntin et al.	156	161	
DN	A.G	3	7	6	2	9	8	2	10/1973	Whittington	161	47	
DN	A.H	3	8	4	9	0	4	0	11/1974	McGinnis et al.	425	72	
DN	A.I	3	9	0	3	8	4	0	9/1975	Gemelli	118	10	
DN	A.J	4	0	3	1	8	5	4	6/1977	Sprague, Jr.	118	641	
DN	A.K	4	0	9	8	6	3	2	7/1978	Sprague, Jr.	156	295	

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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
DN	A.L	0235815	9/1987	EP			
DN	A.M	2148183	5/1985	GB			
DN	A.N	11244774A	9/1999	Japan			
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

DN	A.R	Syang-Peng Rwei, <u>Dog-Legging in the Melt Spinning Process</u> , Polymer Engineering and Science, Vol 38, No. 2, pgs. 341-347, February 1998
DN	A.S	J&M Laboratories, <u>Durastitch™ Technology</u> , New Product Release Manual, February 1997
DN	A.T	Rajiv S. Rao et al., <u>Vibration and Stability in the Melt Blowing Process</u> , Ind. Eng. Chem., 32, pgs. 3100-3111, 1993

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2/20/04

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	B.A	4 1 3 5 9 0 3	1/1979	Ohsato et al.	65	5	
DN	B.B	4 1 4 7 5 8 0	4/1979	Buell	156	291	
DN	B.C	4 1 8 5 9 8 1	1/1980	Ohsato et al.	65	5	
DN	B.D	4 2 5 9 2 2 0	3/1981	Bunnelle et al.	260	27	
DN	B.E	4 3 7 9 0 1 6	4/1983	Stemmler et al.	156	205	
DN	B.F	4 4 1 8 1 2 3	11/1983	Bunnelle et al.	428	517	
DN	B.G	4 4 7 3 9 8 6	10/1984	Zeigler	52	645	
DN	B.H	4 5 2 5 2 2 9	6/1985	Suzuki et al.	156	161	
DN	B.I	4 5 4 3 0 9 9	9/1985	Bunnelle et al.	604	385	
DN	B.J	4 6 2 6 3 0 5	12/1986	Suzuki et al.	156	164	
DN	B.K	4 6 6 6 5 4 2	5/1987	De Jonckheere	156	164	

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B.L						
B.M						
B.N						
B.O						
B.P						
B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

DN	B.R	Nordson Corporation, <u>Recouping the Costs of Disposable Diaper Improvements</u> , Brochure, 1/1989
DN	B.S	Exxon Chemical Company, <u>Meltblowing Process</u> , Brochure, 9/1994
DN	B.T	Nordson Corporation, <u>Adhesive and Powder Application Systems for the Nonwovens Industry</u> , Brochure, 1992

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<i>DN</i>	C.A	4	6	8	7	4	7	7	8/1987	Suzuki et al.	604	385		
<i>DN</i>	C.B	4	6	9	5	2	7	8	9/1987	Lawson	604	385		
<i>DN</i>	C.C	4	7	1	0	1	8	7	12/1987	Boland et al.	604	385		
<i>DN</i>	C.D	4	7	1	9	2	6	1	1/1988	Bunnelle et al.	525	97		
<i>DN</i>	C.E	4	7	6	2	5	2	1	8/1988	Roessler et al.	604	38		
<i>DN</i>	C.F	4	7	6	2	5	8	2	8/1988	de Jonckheere	156	164		
<i>DN</i>	C.G	4	7	7	0	6	5	6	9/1988	Proxmire et al.	604	393		
<i>DN</i>	C.H	4	7	8	8	0	8	9	11/1988	Skipper	428	34.9		
<i>DN</i>	C.I	4	7	9	8	6	0	3	1/1989	Meyer et al.	604	378		
<i>DN</i>	C.J	4	8	4	2	6	6	6	6/1989	Werenicz	156	161		
<i>DN</i>	C.K	4	8	4	4	0	0	3	7/1989	Slautterback et al.	118	323		
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	C.L													
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	C.N													
	C.O													
	C.P													
	C.Q													
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)														
<i>DN</i>	C.R	Synthetic Surfaces Inc., <u>Roll With It: Aqueous Adhesives Bond Rubber Covered Rollers</u> , Adhesive Age, 2/1994												
<i>DN</i>	C.S	J and M Laboratories, Inc., <u>DuraSystem Hot Melt Applicators</u> , Brochure, undated												
<i>DN</i>	C.T	Nordson Corporation, <u>Trends: Stranded Elastic Solutions</u> , Brochure, undated												
EXAMINER									DATE CONSIDERED					
DINH Q. NGUYEN									7/20/04					
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<i>DN</i>	D.A	4 8 8 0 4 2 0	11/1989	Pomparelli	604	385.1	
<i>DN</i>	D.B	4 8 9 1 2 4 9	1/1990	McIntyre	427	421	
<i>DN</i>	D.C	4 9 0 0 3 8 4	2/1990	Sanders et al.	156	204	
<i>DN</i>	D.D	4 9 1 7 6 9 6	4/1990	De Jonckheere	604	385.2	
<i>DN</i>	D.E	4 9 4 9 6 6 8	8/1990	Heindel et al.	118	314	
<i>DN</i>	D.F	4 9 6 0 6 1 9	10/1990	Slautterback et al.	427	265	
<i>DN</i>	D.G	4 9 8 2 6 8 8	1/1991	Rothen	118	420	
<i>DN</i>	D.H	5 0 2 4 6 6 7	8/1991	Malcolm et al.	604	382	
<i>DN</i>	D.I	5 0 2 6 4 5 0	6/1991	Cucuzza et al.	156	244.11	
<i>DN</i>	D.J	5 0 5 7 5 7 1	10/1991	Malcolm et al.	524	505	
<i>DN</i>	D.K	5 1 0 2 4 8 4	4/1992	Allen et al.	156	244.11	

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<i>DN</i>	E.A	5	1	7	1	5	1	2	12/1992	Mende et al.	264	555	
<i>DN</i>	E.B	5	2	0	8	0	6	4	5/1993	Becker et al.	427	8	
<i>DN</i>	E.C	5	2	1	7	5	5	3	6/1993	Marx et al.	156	148	
<i>DN</i>	E.D	5	2	7	5	6	7	6	1/1994	Rooyakkers et al.	156	164	
<i>DN</i>	E.E	5	3	4	2	6	4	7	8/1994	Heindel et al.	427	2.31	
<i>DN</i>	E.F	5	5	0	1	7	5	6	3/1996	Rollins et al.	156	167	
<i>DN</i>	E.G	5	5	0	7	9	0	9	4/1996	Rollins et al.	156	425	
<i>DN</i>	E.H	5	5	2	5	1	7	5	6/1996	Blenke et al.	156	167	
<i>DN</i>	E.I	5	5	7	7	3	0	6	11/1996	Gold	24	715.3	
<i>DN</i>	E.J	5	8	8	2	5	7	3	3/1999	Kwok et al.	264	510	
<i>DN</i>	E.K	5	9	0	2	5	4	0	5/1999	Kwok	264	555	

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				GROUP Unknown		3752		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		PATENT NUMBER		ISSUE DATE	PATENTEE	CLASS	SUBCLASS	
	F.A	5	9	0	4	2	9	8
	F.B	6	0	7	4	5	9	7
	F.C	6	0	7	7	3	7	5
	F.D	6	1	9	7	4	0	6
	F.E	6	2	0	0	6	3	5
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	F.G							
	F.H							
	F.I							
	F.J							
	F.K							
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	F.M							
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	F.O							
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